

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("4885589") or ("5739938"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/11/24 13:34
L2	1	L1 and (bidirectional bi\$directional)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/24 13:34
L3	1988	(optical same amplifier) same (bi\$direction\$3 or bidirection\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/24 13:34
L4	1988	(optical same amplifier) same (bi\$direction\$3 or bidirection\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/24 13:34
L5	13	L4 and (bus same (bi\$direction\$3 or bidirection\$3)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/24 13:34
L6	1988	(optical same amplifier) same (bi\$direction\$3 or bidirection\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/24 13:34
L7	79	L6 and (bus same (bi\$direction\$3 or bidirection\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/24 13:34
S1	3	((("5481478") or ("5500857") or ("6499027"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/30 17:31
S2	10	((("20040076434") or ("6157725") or ("5801865") or ("5552921") or ("5508689") or ("5414416") or ("5363367") or ("4739183") or ("4715012") or ("4654890"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/26 14:38
S3	61327	S2 and bi\$directional or bidirectional	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/26 14:27
S4	2	S2 and (bi\$directional or bidirectional)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/26 14:28
S5	3	((("4545074") or ("20020018260") or ("6449072"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/26 14:28
S6	61327	S3 and (bi\$directional or bidirectional)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/26 14:29
S7	2	S5 and (bi\$directional or bidirectional)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/26 14:35

## EAST Search History

S8	6	"380341"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/26 14:35
S9	2	((("6075648") or ("20020101874")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/26 14:40
S10	1	("5854698").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/26 14:48
S11	1	("20030215232").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/26 14:48
S12	1	("5083874").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/28 13:30
S13	0	("(erbiumnear5amplifier)andlength").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/28 13:31
S14	4199	(erbium near5 amplifier) and length	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/28 13:31
S15	2201	S14 and pump	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/28 13:31
S16	1098	S15 and "385"/\$	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/28 13:31
S17	1098	S16 and optical	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/28 13:32
S18	1394	((359/115) or (359/119) or (359/127) or (359/134) or (359/143) or (359/125) or (359/137) or (372/6)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/02 10:21
S19	145	S18 and (bi\$direction\$3 or bidirection\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/26 15:37
S20	4	S19 and bus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/02 10:26
S21	1385	(optical same amplifier) same (bi\$direction\$3 or bidirection\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/26 15:37
S22	63	S21 and (bus same (bi\$direction\$3 or bidirection\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/07 11:42

## EAST Search History

S23	12	S22 and erbium	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/26 15:42
S24	1	("5898801").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/26 15:43
S25	1	("20020141720").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/28 14:18
S26	1	("20050018953").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/28 14:18
S27	8	((("5434861") or ("5517622") or ("5732086") or ("5898673") or ("6084233") or ("6385366") or ("20020044565") or ("6912339")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/07 11:28
S28	4	S27 and (bi-directional bidirectional bi\$directional)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/07 11:28
S29	4	S28 and amplifier	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/07 11:28
S30	4	S29 and bus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/07 11:28
S31	1454	(optical same amplifier) same (bi\$direction\$3 or bidirection\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/07 11:42
S32	66	S31 and (bus same (bi\$direction\$3 or bidirection\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/07 11:44
S33	9	S31 and (bus same (bi\$direction\$3 or bidirection\$3)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/30 17:34
S34	13	((("20020065962") or ("20030206134") or ("20040043795") or ("20040076429") or ("6784837") or ("6830221") or ("5528408") or ("5541957") or ("5959412") or ("6426816") or ("20020101636") or ("6667187") or ("20050213973")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/30 17:33
S35	2	S34 and (bi\$directional bidirectional)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/30 17:33

## EAST Search History

S36	1785	(optical same amplifier) same (bi\$direction\$3 or bidirection\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/30 17:34
S37	11	S36 and (bus same (bi\$direction\$3 or bidirection\$3)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/30 17:34
S38	2	((("4885589") or ("5739938"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/13 21:31
S39	1	("20030025967").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/13 21:32
S40	1	S38 and (bidirectional bi\$directional)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/04/13 21:33
S41	0	S39 and (bidirectional bi\$directional)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/04/13 21:33